

Extramural Costs:	Requested	
Regional Allowance Costs:(Total cleanup contractor costs include labor, equipment, materials and laboratory disposal analysis) includes 20% contingency	\$395,136	
Other Extramural Costs not funded		
From the Regional Allowance: Technical support (RST2)	\$132,713	
Subtotal, extramural costs	\$527,849	\$0
Extramural Costs Contingency (10%)	\$52,785	
Total Removal Project Ceiling	\$580,634	

Cost Type	Total Funding Requested in this Memorandum	
Direct Extramural Cost	\$580,634	\$0
Direct Intramural Cost (16%)	\$92,901	\$1,384,000
Subtotal, Direct Cost	\$673,536	\$1,384,000
Indirect Costs (Regional Indirect Cost Rate 49.2%)	\$331,380	\$4,936,000
Estimated EPA Costs Eligible for Cost Recovery	\$1,004,915	\$6,320,000

	\$ 329,280.41	\$ 65,856.08	\$ 395,136.49		
Description	ST	OT	quantity	ST Hours	
RM	\$ 79.67	\$ 57.51	1	40	
Foreman	\$ 53.10	\$ 52.62	0	0	
FCA	\$ 39.30	\$ 45.57	1	40	
Laborer (DBA)	\$ 79.89	\$ 91.73	1	40	
IH/Safety	\$ 59.85	\$ 43.20	1	20	
Chemist	\$ 45.64	\$ 45.64	0	0	
T&D	\$ 54.58	\$ 39.40	0	0	
Equip. Operator (dba)	\$ 94.50	\$ 118.50	2	40	
Truck Driver (SCA)	\$ 47.93	\$ 52.94	0	0	
Welders (dba)	\$ 175.00	\$ 210.00	0	0	

0 0

Total Labor Cost

<i>Clin Items</i>	<i>Daily rate</i>	<i>days per wk. work</i>	<i>Quantity</i>	<i>#WEEKS</i>
Car passenger	\$ 20.00	0	0	0
Truck-Pick Up 1/2 ton	\$ 30.00	0	0	0
Truck-Pickup 4 wheel 3/4 ton	\$ 30.00	5	2	8
Van Passenger	\$ 45.00	0	1	0
SUV 4 WD	\$ 45.00	6	1	0
Trailer ER Haz Mat-<18 ft.	\$ 40.00	0	1	0
Trailer cargo <10 ft.	\$ 40.00	5	1	8
Truck stakebed /Flat bed	\$ 55.00	0	1	0
Skid Steer Loader 6k<8K	\$ 125.00	5	2	8
Safety meter-Combo FID/PID	\$ 1.00	0	1	0
Radio-handheld	\$ 1.00	5	5	8
Generator 5kw <10 kw	\$ 35.00	0	1	0
Generator 10 kw<15kw	\$ 65.00	0	1	0
Press Washer	\$ 30.00	5	1	2
1.5 " submersible pump	\$ 25.00	5	1	0
2" trash pump	\$ 8.50	6	1	0

Total Clin Cost

<i>OFC Description</i>		<i>Cost</i>	<i>G&A 5.5%</i>
non haz debris T&D (4)	Lump sum estimate	\$ 10,000.00	\$ 550.00
concrete saw	800./2 months	\$ 1,600.00	\$ 88.00
Loader	4500/2 months	\$ 9,000.00	\$ 495.00
travel/flights	lump sum est.	\$ 4,500.00	\$ 247.50
Site Trailers (2) delivery and set	750./ 2 months	\$ 4,000.00	\$ 220.00
Lodging	89.00/ 224 man day	\$ 19,936.00	\$ 1,096.48
Perdiem	59./ 224 Man day	\$ 13,216.00	\$ 726.88
porta johns		\$ 700.00	\$ 38.50
compressor		\$ 1,500.00	\$ 82.50
demo hammers		\$ 750.00	\$ 41.25
Equip. Fuel/ 3.00 gallon	350 gal/8 week	\$ 8,400.00	\$ 462.00

[illegible]

ST Total	OT Hours	OT Total	#weeks	\$ Totals
\$ 3,186.80	10	\$ 575.10	9	\$ 33,857.10
\$ -	0	\$ -	0	\$ -
\$ 1,572.00	0	\$ -	8	\$ 12,576.00
\$ 3,195.60	10	\$ 917.30	8	\$ 32,903.20
\$ 1,197.00	0	\$ -	2	\$ 2,394.00
\$ -	0	\$ -	0	\$ -
\$ -	0	\$ -	0	\$ -
\$ 7,560.00	10	\$ 2,370.00	8	\$ 79,440.00
\$ -	0	\$ -	0	\$ -
\$ -	0	\$ -	0	\$ -
\$ -		\$ -	0	\$ -
				\$ 161,170.30

Total

\$ -
 \$ -
 \$ 2,400.00
 \$ -
 \$ -
 \$ -
 \$ 1,600.00
 \$ -
 \$ 10,000.00
 \$ -
 \$ 200.00
 \$ -
 \$ -
 \$ 300.00
 \$ -
 \$ -
\$ 14,500.00

Total OFC Cost

\$ 10,550.00
 \$ 1,688.00
 \$ 9,495.00
 \$ 4,747.50
 \$ 4,220.00
 \$ 21,032.48
 \$ 13,942.88
 \$ 738.50
 \$ 1,582.50
 \$ 791.25
 \$ 8,862.00

SQ FT
 1,500

Per SQ FT
 \$ 8.00

[illegible]

Total OFC's	\$ 153,610.11
Total Clin	\$ 14,500.00
Total Labor	\$ 161,170.30
Total Cost	\$ 329,280.41

\$132,712.90

Labor:

8 weeks at 50 hours a week for one CRT member for Removal documentation = 400 hours

400 hours at a labor rate of \$110.00 per hour = \$44,000.00

2 weeks at 50 hours a week for one CRT member for soil sampling = 100 hours

100 hours at a labor rate of \$110.00 per hour = \$11,000.00

\$44,000.00 + \$11,000.00 = \$55,000.00 (Total Estimated Labor Cost)

Lodging and Per Diem (based on the cost incurred during the assessment mobilization and assuming that it would b

Lodging Daily Rate = \$190.97 (includes taxes)

Daily rate of \$190.97 for 70 days = **\$13,367.90 (Total Lodging Cost)**

Daily Per Diem = \$51.00

Daily per diem of \$51.00 for 70 days = **\$3,570 (Total Per Diem Cost)**

Vehicle Rental: It is unknown whether a fixed-price vehicle under the RST 3 contract will be available for the 2 mob

Rental Rate = \$80.00 per day.

70 days x \$80.00 per day = **\$5,600.00 (Total Vehicle Rental Cost)**

Vehicle Fuel based on two separate mobilizations:

8 week mobilization x \$75.00 per week = \$600

2 week mobilization x \$75.00 per week = \$150

\$600 + \$150 = \$750.00 (Total Fuel Cost)

Field Expendables (assumption) = **\$3,500 (Total Expendables Cost)**

Analytical (based on 100 soil and five rinsate blank samples with a standard turnaround time for radiological param

Data Validation Cost (based on the assessment data validation cost of 2.5 hours per sample) = **\$28,875.00 (Total Da**

Total Cost = \$132,712.90

You had mentioned the air monitoring aspect of the project in the email below but you needed time to determin

e 7 days a week with no mobilization back (8 weeks at 7 days per week = 56 days; 2 weeks at 7 days per week = 14 d

ilization to this Site. Therefore, it is assumed that a vehicle will need to be rented to support this assignment.

eters only) = \$22,050 (Total Analytical Cost)

ta Validation Cost)

e the specifics. Therefore, no air monitoring rental equipment is accounted for in this cost estimate. Please let m

ays; Total of 70 days):

e know if you have any questions in regards to this cost estimate or if you would like to see anything else added t

o the calculated estimate.